

PureLink

BEYOND 4K

HUDDLE-CAM-400

HUDDLE-CAM-400 4K Auto Tracking Huddle Camera Soundbar



PureLink™

220-10 State Route 208

Fair Lawn, NJ 07410 USA

Tel: +1.201.488.3232

Fax: +1.201.621.6118

E-mail: sales@purelinkav.com

For order support, please contact your local dealer.

For technical support, please contact us at support@purelinkav.com

Contents

Features.....	3
What’s in the Box.....	3
Specifications	4
Remote Control.....	5
Remote Control Pairing	6
Installation and Connection.....	7
GUI Settings.....	8
Maintenance and Troubleshooting.....	11
FCC & IC Statement.....	12
Warranty.....	13

Features

- 4K Auto Framing / Tracking Camera
- PTZ / ePTZ movement and High Quality Optics
- Beamforming / tracking microphone array
- Extension microphone (optional)
- Zoom Certified, Teams, GoToMeeting, and more
- Tracks and frames for single or multiple speakers
- Full function remote control
- HDMI and USB-C video / audio output

What's in the Box

1x Camera

1x Power Adapter

1x Power Cable

1x Remote Control

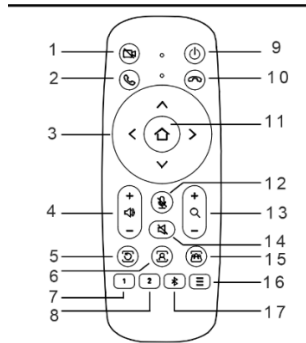
1x USB Cable

1x Wall Bracket

Specifications

Camera	
Video System	4K@30fps, 1080P@60fps, 1080P@30fps, 720P@60fps, 720P@30fp
Sensor	1/2.5 inch, CMOS, 8.51M pixel
Lens	121°(DFOV), 110°(HFOV), 5x Digital Zoom, Pan/Tilt ±15°
PTZ	MPT + EPTZ
Digital Noise Reduction (DNR)	2D & 3D Digital Noise Reduction
Video S/N	≥55dB
Backlight Compensation	Support
Audio	
Full Frequency Speaker	96 dB SPL in the case of ½ meters
Microphone Array	Beamforming microphone, pickup distance of up to 6 meters
Extended MIC	Supported (Optional)
USB Features	
Connection Type	USB 3.0, Backwards compatible with USB 2.0
Video Compression	H.264 / MJPEG / YUY2 / NV12
USB Audio	32K Sampling Rate, UAC 1.0
USB Communication Protocol	UVC 1.1
UVC PTZ Control	Compatible
Input/Output Interface	
HD Output	1x HDMI 1.4b
USB Interface	1x USB 3.0, Type C 1x USB 2.0, Type A
Power Jack	DC 12V, 2A (Max)
Generic Specification	
Control Method	2.4G Remote Controller
Installation Method	Desktop, Wall, TV and others
Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Dimensions	600mm x 135mm x 115/117mm (Holder Included)
Net Weight	2.5Kg (~5.5lbs)

Remote Control



No.	Name	Function Description
1	Camera Close Button	Turn off the camera, press again to resume
2	Call Button	Answer the call
3	Camera Direction Button	move the camera up, down, left, and right direction to adjust the image display; press the [OK] key to return the camera to the middle-center position
4	Volume +/- Button	Increase or decrease the volume
5	Exit Tracking Button	Exit the tracking mode
6	Speaker Tracking Button	Press to perform voice tracking of the current speaker
7	Preset 1 Button	Long press to set <i>Preset 1</i> ; short press to activate <i>Preset 1</i>
8	Preset 2 Button	Long press to set <i>Preset 2</i> ; short press to activate <i>Preset 2</i>
9	Standby Button	Long press to switch the camera to <i>standby mode</i> ; short press to resume
10	Hang Up Button	Press to hang up the call
11	OK Button	Confirm selection
12	Mute Button	Turn the microphone on/off
13	Zoom Button	Zoom in the lens [+]; Zoom out the lens [-]
14	Speaker Mute Button	Turn the speaker on/off
15	Participants Tracking Button	Press to track the participants automatically
16	Menu Button	Press to enter or exit the OSD menu
17	Bluetooth Button	Enable/Disable the Bluetooth function

Remote Control Pairing

Note: The remote control has been paired with the camera from the factory, and it can be used normally without special instructions. However, if the remote is performing abnormally then please perform the following steps to repair the connection.

Step 1 Connect the camera to the power supply and wait for the camera initialization to complete, and the camera can output pictures normally.

Step 2 Clear the *paired* status of the remote control:

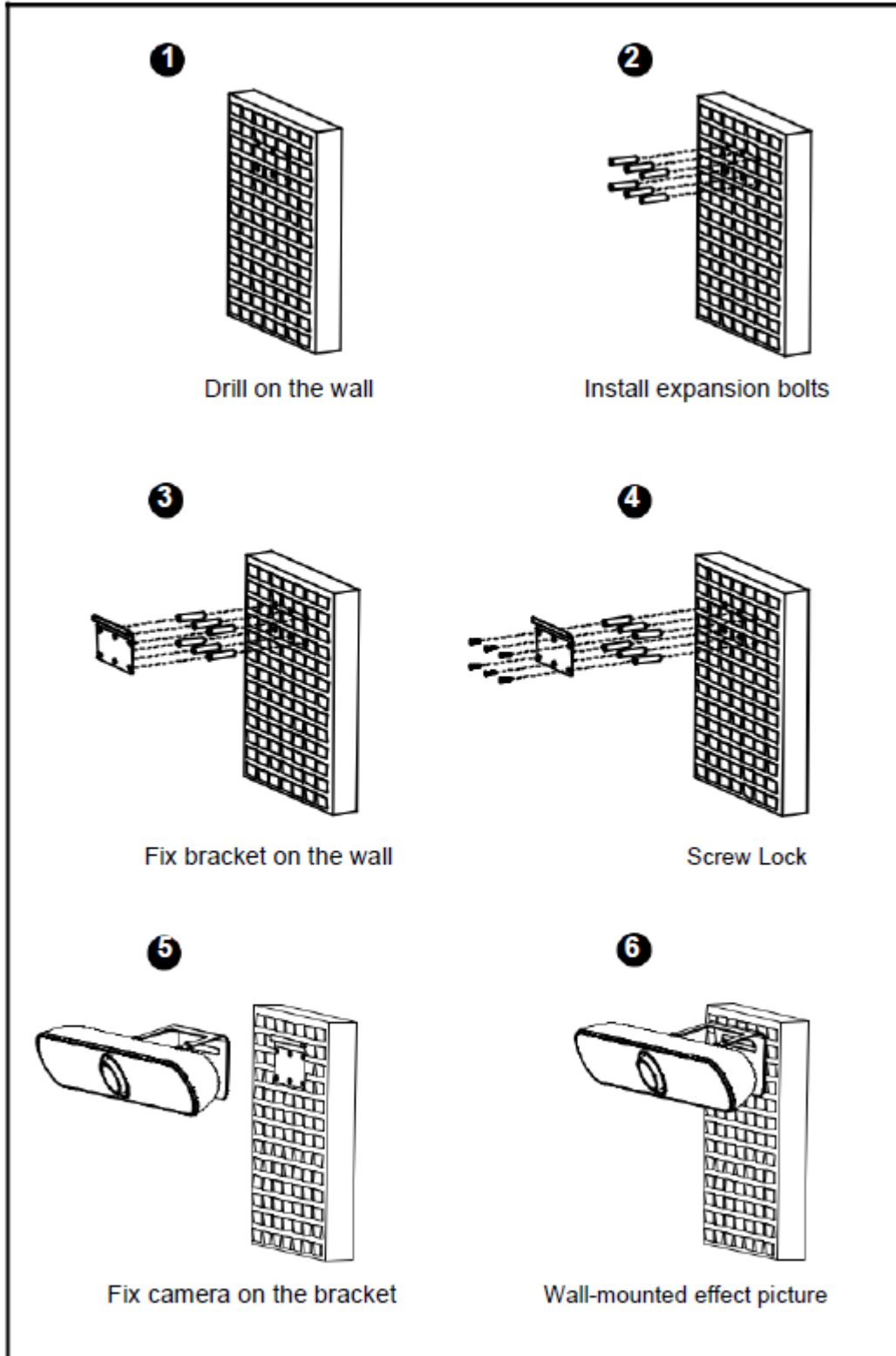
Press and hold the *Menu* + [OK] button at the same time until the remote-control indicator light is a steady red, then release the buttons to clear the *paired* status of the remote control.

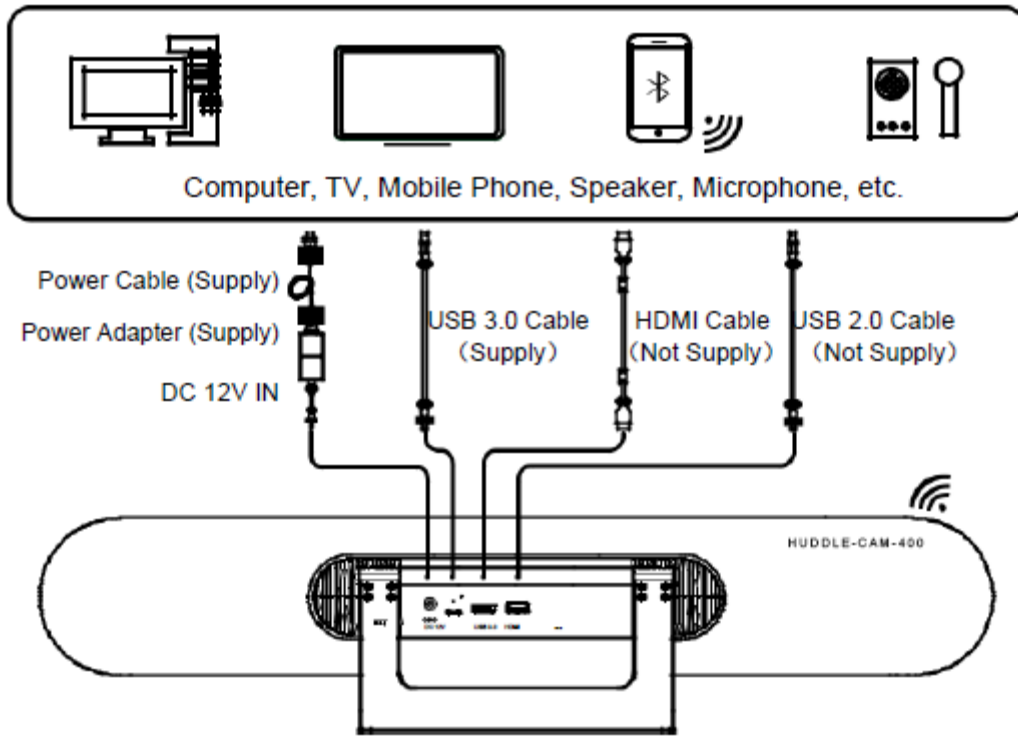
Step 3 Trigger the camera to start the remote-control pairing mode:

Use a card pin to press the reset button on the camera, the camera's LED light will then switch to a blue marquee effect when it enters the pairing mode normally (Note: There is only a 15 second operation time to enter and use the pairing mode. After the timeout, the pairing mode will be exited automatically, and the LED will no longer have the blue marquee effect. Press the *RESET* button again to re-enter the remote-control pairing mode)

Step 4 Start Pairing: Press and hold the *Menu* button until the indicator on the camera is complete. When the camera is successfully paired, the remote control will turn red, and then wait for the matching LED light on the camera to flash blue. Now, the camera can be operated through the remote control. If the pairing is unsuccessful, please repeat steps 2, 3, and 4 until the pairing is successful.

Installation and Connection

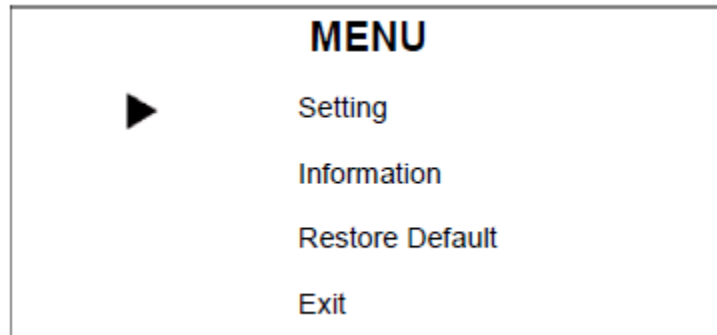




GUI Settings

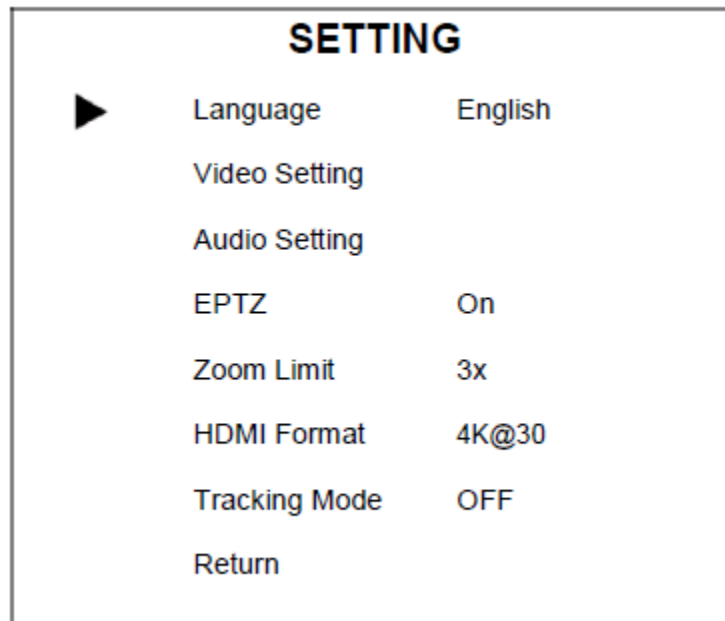
MENU

Press [MENU] key under normal image, the screen will display as below:



Settings

Move the cursor to "Setting" in the main menu, and press [OK] to enter the setting page as below:



Language: Optional items: English, Chinese & French. H, OSD Mirroring

Video Setting: Setting 2D NR, 3D NR, WD R Enable, Flip-H, OSD Mirroring.

Audio Setting: Setting 3A Enable, Mic Equalizer.

EPTZ: Optional items: On, Off.

Zoom Limit: Optional items: 1.5x, 2x, 3x, 4x, 5x.

HDMI Format: Optional items: 1080P@60, 1080P@50, 1080P@30, 4K@30.

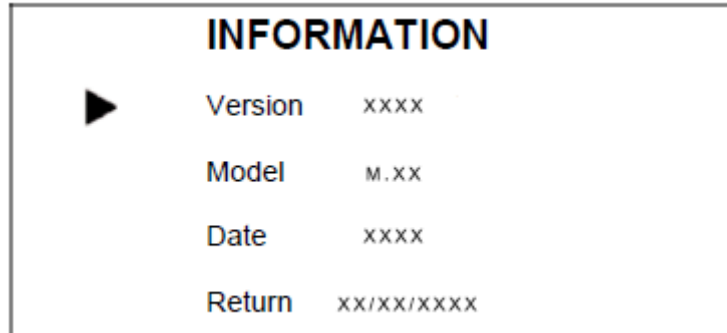
Tracking Mode: Optional items: Off, Participants, Speaker.

Tracking Effect: Optional items: Smooth, Instaneous (Effective only in Participants or Speaker Tracking Mode).

Tracking Speed: Optional items: Slow, Normal, Fast (Effective only in Participants or Speaker Tracking Mode).

Information

Move the cursor to "Information" in the main menu, and press [OK] to enter the information page as below:



Note: The above information is for reference only, please refer to the real product for the actual specification.

Restore to Default

Move the cursor to "Restore Default" in the main menu, and press [OK] to enter the restore default page as below:



Yes / No: Confirm or cancel restore factory settings.



GUI menu and parameter information are subject to change without notice.

Maintenance and Troubleshooting

Camera Maintenance

- If the camera will not be used for a long period of time, then please disconnect the power switch after use.
- Use soft cloth or cotton paper to remove dust from the camera housing.
- When cleaning the camera lens, please use dry soft cloth to wipe, if dirt is serious, use neutral cleaner gently. Do not use strong or corrosive detergent, lest the lens scratch, affect the image effect.

Avoid Using

- The camera should avoid shooting particularly bright objects, such as sunlight, lights, etc.
- The camera should not work under unstable lighting conditions, otherwise the image will flash.
- Do not use around facilities that transmit high-power radio waves, such as television station or radio-transmitting station.

Troubleshooting

The video image displayed by the camera lens has jitter.

1) Check whether the camera installed position is stable.

2) Check whether have vibrating machinery or object near the camera

FCC & IC Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Warranty

PureLink Three (3) Year Limited Warranty for PureStream™ Branded Products Only

Dtrovision, LLC. (hereinafter “PureLink”) warrants its HDTools and PureStream™ branded products (hereinafter “Product”) purchased directly from PureLink or Dealer shall be free from defects in workmanship and materials, under normal use and service, for a period of three (3) years on parts and three (3) years on labor. Any repaired or replaced equipment related to Product shall be covered only under the remaining portion of the warranty. This warranty has no relationship to and exists independently of any warranty offered by Dealer. This warranty is a limited warranty and gives you specific legal rights. You may also have other rights which vary from state to state.

TERMS & CONDITIONS

PureLink shall repair or replace the Product if it develops a material fault during the period of warranty, on condition that i) the Product has only been subject to normal use in a domestic or commercial environment in a manner consistent with its specification and functionality, ii) the Product has been cared for reasonably and only subjected to reasonable wear and tear, iii) the defect has not been caused by willful or negligent abuse or neglect, or any accident or improper installation procedure, iv) the serial number of the Product has not been altered or removed.

This warranty only applies to the original purchaser, and shall be the exclusive remedy to the original purchaser. PureLink shall not be liable for any damages whatsoever caused by Product or the failure of Product to perform, including incidental or consequential damages. PureLink shall not be liable for any claim made by a third party or made by the purchaser for a third party.

Except as expressly set forth in this warranty, PureLink makes no other warranties, expressed or implied, including any implied warranties of merchantability and fitness for a particular purpose. PureLink expressly disclaims all warranties not satisfied in this limited warranty. Any implied warranties that may be imposed by law are limited to the terms of this limited warranty. This warranty statement supersedes all previous warranties.

WARRANTY RETURNS/REPAIRS/EXCHANGES

No merchandise may be returned without prior authorization from PureLink, and a Return Materials Authorization (RMA) number. Failure to comply with these conditions will result in rejection of the returned merchandise.

Any warranty service on Products must be arranged through Dealer. Authorized returns must be shipped freight prepaid and fully insured to PureLink, Ramsey, NJ USA, with the RMA number clearly marked on the outside of all shipping boxes and containers. PureLink reserves the right at its sole discretion to refuse any shipments arriving freight collect or without an RMA number. Any authorized returned merchandise must be accompanied by a note describing the reason for return, along with contact information including name, phone number, return mailing and shipping addresses, e-mail address, and RMA number.

On any products returned and accepted with an RMA number, return freight charges following repair of items under warranty shall be paid by PureLink, shipping by the standard ground carrier of its choice.

ADVANCE WARRANTY REPLACEMENTS

PureLink’s advance replacement service offers a Replacement Unit upon request - free of charge for eligible products purchased less than one (1) year of the warranty claim. Products purchased more than one (1) year prior to the warranty claim do not qualify for advance replacement services.

Purelink HUDDLE-CAM-400 User Manual V1.0

Advance replacement requests must be validated by a member of PureLink's Technical Support Team. Replacement units may be new or refurbished and is subject to availability. PureLink is responsible for shipping the Replacement Unit to your designated location by standard ground service. All other shipping methods will be responsibility of the Dealer.

Original Unit Return – the Original Unit must be returned within thirty (30) calendar days of the return authorization date. Failure to return the Original Unit within this period will be subject to a minimum 15% re-stocking fee. Dealer is solely responsible for the shipping of the Original Unit to PureLink.

TO MAKE A WARRANTY CLAIM

To make a warranty claim, promptly notify PureLink within the warranty periods described above by calling PureLink's Technical Support Department at 1-201-488-3232. PureLink, in its sole discretion, will determine what action, if any, is required under this warranty.

Most problems can be corrected over the phone through close cooperation between Customer and a PureLink technician. To better enable PureLink to address a warranty claim, please have the Product's serial and model numbers. If PureLink, in its sole discretion, determines that an on-site visit or other remedial action is necessary, PureLink may send a representative to Customer's site.

CUSTOMER SERVICE

Technical support inquiries can be submitted electronically through the PureLink website at www.purelinkav.com. For immediate assistance please contact PureLink's Customer Care Team at

+1 (201) 488-3232